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PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

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09/28/00  
JC916 U.S. PTO**UTILITY PATENT APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390.P9486Total Pages 2First Named Inventor or Application Identifier Thomas G. RuttanExpress Mail Label No. EL627464499US**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2.  Specification (Total Pages 17)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
3.  Drawings(s) (35 USC 113) (Total Sheets 4)
4.  Oath or Declaration (Total Pages 6) (Unsigned)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 17 completed) (**Note Box 5 below**)
  - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Microfiche Computer Program (Appendix)

7.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Copy  
b.  Paper Copy (identical to computer copy)  
c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8.  Assignment Papers (cover sheet & documents(s))  
9.  a. 37 CFR 3.73(b) Statement (where there is an assignee)  
     b. Power of Attorney  
10.  English Translation Document (if applicable)  
11.  a. Information Disclosure Statement (IDS)/PTO-1449  
     b. Copies of IDS Citations  
12.  Preliminary Amendment  
13.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
14.  a. Small Entity Statement(s)  
     b. Statement filed in prior application, Status still proper and desired  
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16.  Other: Express Certificate of Mailing  
  

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17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

Continuation       Divisional       Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_

18. Correspondence Address

Customer Number or Bar Code Label

(Insert Customer No. or Attach Bar Code Label here)

or

Correspondence Address Below

NAME Michael A. Bernadicou (Reg. No. 35,934) M. A. Bernadicou  
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**FEE TRANSMITTAL FOR FY 2000**TOTAL AMOUNT OF PAYMENT (\$) 690.00

## Complete if Known:

Application No. New Application  
 Filing Date Herewith  
 First Named Inventor Thomas G. Ruttan  
 Group Art Unit Not yet assigned  
 Examiner Name Not yet assigned  
 Attorney Docket No. 042390.P9486

**METHOD OF PAYMENT** (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 02-2666  
 Deposit Account Name \_\_\_\_\_

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2.  Payment Enclosed:

Check  
 Money Order  
 Other

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
101	690	201	345
106	310	206	155
107	480	207	240
108	690	208	345
114	150	214	75
		Utility application filing fee	<u>690.00</u>
		Design application filing fee	_____
		Plant filing fee	_____
		Reissue filing fee	_____
		Provisional application filing fee	_____
<b>SUBTOTAL (1) \$ 690.00</b>			

**2. EXTRA CLAIM FEES**

		Extra Claims	Fee from below	Fee Paid
Total Claims	18	- 20** = 0	X	= 0.00
Independent Claims	3	- 3** = 0	X	= 0.00
Multiple Dependent				= _____

\*\*Or number previously paid, if greater; For Reissues, see below.

**Large Entity Small Entity**

Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	**Reissu independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$ 0.00**

01/10/2000

- 1 -

PTO/SB/17 (6/99)

Patent fees are subject to annual revisions. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid.  
 See Forms PTO/SB/09-12

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	Surcharge - late filing fee or oath
127	50	227	65 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English specification
147	2,520	147	2,520 For filing a request for reexamination
112	920*	112	Requesting publication of SIR prior to Examiner action
113	1,840*	113	Requesting publication of SIR after Examiner action
115	110	215	55 Extension for response within first month
116	380	216	190 Extension for response within second month
117	870	217	435 Extension for response within third month
118	1,360	218	680 Extension for response within fourth month
128	1,850	228	925 Extension for response within fifth month
119	300	219	150 Notice of Appeal
120	300	220	150 Filing a brief in support of an appeal
121	260	221	130 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	Petition to revive unavoidably abandoned application
141	1,210	241	605 Petition to revive unintentionally abandoned application
142	1,210	242	605 Utility issue fee (or reissue)
143	430	243	215 Design issue fee
144	580	244	290 Plant issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	690	246	345 For filing a submission after final rejection (see 37 CFR 1.129(a))
149	690	249	345 For each additional invention to be examined (see 37 CFR 1.129(a))

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ 0.00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Michael A. Bernadicou

Signature Michael A. Bernadicou Date 9/28/00

Reg. Number 35,934 Deposit Account User ID 02-2666  
(complete if applicable)

APPLICATION FOR UNITED STATES LETTERS PATENT

SYSTEM AND METHOD FOR CONNECTING  
A POWER CONVERTER TO A LAND GRID ARRAY SOCKET

Inventors:

Thomas G. Ruttan  
Ed Stanford  
Peter A. Davison  
Tony Harrison

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Docket No. 042390.P9486

EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL627464499US  
Date of Deposit: September 28, 2000

I hereby certify that I am causing this paper or fee to be deposited with the  
United States Postal Service "Express Mail Post Office to Addressee"  
service on the date indicated above and that this paper or fee has been  
addressed to BOX PATENT APPLICATION, Assistant Commissioner  
for Patents, Washington, D. C. 20231.

Julie Arango  
(Typed or printed name of person mailing paper or fee)

Julie Arango  
(Signature of person mailing paper or fee)

September 28, 2000  
(Date signed)